

Doc code :IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (09-08)

Approved for use through 10/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10547441
Filing Date	2005-08-26
First Named Inventor	Wieslaw Lucjan Nowinski
Art Unit	2624
Examiner Name	FITZPATRICK, ATIBA O
Attorney Docket Number	8249-85744

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	4751643		1988-06-14	Lorensen et al.	
	2	5425368	A	1995-06-20	Brandt	
	3	5859891	A1	1999-01-12	Hibbard	
	4	6366797	B1	2002-04-02	Fisher et al.	
	5	6430430	B1	2002-08-06	Gosche	

If you wish to add additional U.S. Patent citation information please click the Add button.

**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

**FOREIGN PATENT DOCUMENTS**

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10547441	
	Filing Date		2005-08-26	
	First Named Inventor		Wieslaw Lucjan Nowinski	
	Art Unit		2624	
	Examiner Name		FITZPATRICK, ATIBA O	
	Attorney Docket Number		8249-85744	

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	00/08600	WO	A1	2000-02-17	Computerized Medical Systems, Inc.		<input type="checkbox"/>
	2	01/78005	WO	A2	2001-10-18	Cornell Research Foundation, Inc.		<input type="checkbox"/>
	3	02/43003	WO	A1	2002-05-30	Kent Ridge Digital Labs		<input type="checkbox"/>
	4	03/060827	WO	A1	2003-07-24	Kent Ridge Digital Labs		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

#### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	WORTH Andrew J., MAKRIS, Nikos, PATTI, Mark R., GOODMAN, Julie M., HOGE, Elizabeth A., CAVINESS, Verne S., and KENNEDY, David N., Precise segmentation of the lateral ventricles and caudate nucleus in MR brain images using anatomically driven histograms, IEEE Transactions on Medical Imaging 1998, Vol. 17, No. 2, pp. 303-310	<input type="checkbox"/>
	2	BAILLARD, C., HELLIER P. and BARILLOT, C. Segmentation of 3D brain structures using level sets and dense registration, IEEE Workshop on Mathematical Methods on Biomedical Image Analysis (MMBIA 2000), pp. 94-101	<input type="checkbox"/>
	3	GERAUD, Thierry, Brain Imaging, Automatic segmentation of brain structures in 3D MRI, <a href="http://www-sig.enst.fr/tsi/groups/TII/active">http://www-sig.enst.fr/tsi/groups/TII/active</a> , pp. 1-5	<input type="checkbox"/>
	4	BRUMMER, Marijn E., MERSEREAU, Russell M., EISNER, Robert L. and LEWINE, Richard R. J., Automatic Detection of Brain Contours in MRI Data Sets, IEEE Transactions on Medical Imaging, Vol. 12, No. 2, June 1993, pp. 153-166	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10547441
Filing Date	2005-08-26
First Named Inventor	Wieslaw Lucjan Nowinski
Art Unit	2624
Examiner Name	FITZPATRICK, ATIBA O
Attorney Docket Number	8249-85744

5	COOTES, T., TAYLOR, C., COOPER, D.H., and GRAHAM, J., Active shape models-their training and application, Computer Vision and Image Understanding 1995, Vol. 61, No. 1, pp. 38- 59	<input type="checkbox"/>
6	SCHINDEWOLF, Thomas, FRESE, Uwe, and MEISSNER, Joachim, Sementierung und Volumetrie der Hirnventrikel mit MrT-Datensätzen, File:///D:/xiayan/Project/Ventricle/KeepPaper/Ventrikelvolumetrie.htm, pp. 1-4	<input type="checkbox"/>
7	HOLDEN, Mark, SCHNABEL, Julia A., HILL, and Derek L.G., Quantifying small changes in brain ventricular volume using non-rigid registration, MICCAI 2001, pp. 49-56	<input type="checkbox"/>
8	KAUS, Michael R., WARFIELD, Simon K., NABAVI, Arya, BLACK, Peter M., JOLESZ, Ferenc A., and KIKINIS, Ron, Automated segmentation of MR images of brain tumors, Radiology 2001, Vol. 218, No. 2, pp. 586-591	<input type="checkbox"/>
9	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3303-3315	<input type="checkbox"/>
10	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3315-3367	<input type="checkbox"/>
11	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3368-3400	<input type="checkbox"/>
12	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3401-3412	<input type="checkbox"/>
13	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3413-3428	<input type="checkbox"/>
14	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3429-3499	<input type="checkbox"/>
15	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3504-3522	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10547441
	Filing Date		2005-08-26
	First Named Inventor	Wieslaw Lucjan Nowinski	
	Art Unit	2624	
	Examiner Name	FITZPATRICK, ATIBA O	
	Attorney Docket Number	8249-85744	

16	Radiology of the skull and brain, ventricles and cisterns. Eds: Newton, Thomas H. and Potts, D. Gordon, MediBooks, Great Neck, NY, pp. 3523-3535	<input type="checkbox"/>
17	KIKINIS, Ron, SHENTON, Martha E., LOSIFESCU, Dan V., MCCARLEY, Robert W., SAIVIROONPORN, Pairash, HOKAMA, Hiroto H., ROBATION, Andre, METCALF, David, WIBLE, Cynthia G., PORTAS, Chiara M., DONNINO, Robert M., and JOLESZ, Ferenc A., A digital brain atlas for surgical planning, model-driven segmentation, and teaching, IEEE Transactions on Visualization and Computer Graphics 1996, Vol. 2, No. 3, 1996, pp. 232-241	<input type="checkbox"/>
18	WANG, Yongmei and STAIB, Lawrence H., Boundary finding with correspondence using statistical shape models, Proceeding IEEE conference of computer vision and pattern recognition, 1998, pp. 338-345	<input type="checkbox"/>
19	SONKA, Milan, TADIKONDA, Satish K., and COLLINS, Steve M., Knowledge-based interpretation of MR brain images, IEEE Transactions on Medical Imaging 1996, Vol. 15, No. 4, pp. 443-452	<input type="checkbox"/>
20	STURM, Bernhard, MEIER, Dominik, and FISHER, Elizabeth, Automated approximation of lateral ventricular shape in magnetic resonance images of multiple sclerosis patients, MICCAI 2002, pp. 483-491.	<input type="checkbox"/>
21	Volumetry of the Cerebral Ventricles, <a href="http://www.mevis.de/projects/volumetry/volumetry.litml">http://www.mevis.de/projects/volumetry/volumetry.litml</a> , Center for Medical Diagnostic Systems and Visualisation, University of Bremen, Hahn et al., pp. 1-5	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.